

Floyd-Warshall Algorithm Pseudocode

```
Floyd-Warshall(W)
  n = W.rows
   $D^{(0)} = W$ 
  for k = 1 to n
    let  $D^{(k)} = (d_{ij}^{(k)})$  be a new  $n \times n$  matrix
    for i = 1 to n
      for j = 1 to n
         $d_{ij}^{(k)} = \min(d_{ij}^{(k-1)}, d_{ik}^{(k-1)} + d_{kj}^{(k-1)})$ 
  return  $D^{(n)}$ 
```